

REMARKS

Applicants respectfully request entry of the above Preliminary Amendment to place this Patent Application in better form for examination and prosecution before the U.S. Patent and Trademark Office.

The claims have been amended to eliminate multiple dependent claims and to more definitely and fully claim the subject matter of Applicants' invention. The drawings have been amended to add figure numbers. Applicants urge that the above Preliminary Amendment introduces no new matter into this Patent Application.

Applicants sincerely believe that this Patent Application is now in condition for examination and prosecution before the U.S. Patent and Trademark Office.

Respectfully submitted,



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VERSION WITH MARKINGS TO SHOW CHANGES MADE

1. (Amended) In a [A] large-area radiator with a front pane and a rear element, wherein spacer elements keep the front pane [is kept] apart from the rear element [by means of spacer elements], [wherein] a gaseous filler [has been] is introduced into [the] a space between the front pane and the rear element and is at a lesser pressure than [the] a pressure of [the] a surrounding atmosphere, and [wherein] the front pane is made of a glass material, the improvement comprising:

[characterized in that]

at least one of the front pane [and/or] and the rear element [are embodied as] at least partially of one of a thermally [or] tempered glass pane and a chemically tempered glass [panes] pane.

2. (Amended) In the [The] large-area radiator in accordance with claim 1, wherein a

[characterized in that]

the] temperature[,] at which [the] a viscosity of the glass material of at least one of the [thermally tempered] front pane [and/or] and the rear element is 13.6 dPas (TG temperature)[,] is greater than 550°C.

3. (Amended) In the [The] large-area radiator in accordance with claim [1 or] 2, wherein at least one of a

[characterized in that

the] measurement of [the] a wall thickness of at least one of the [thermally tempered] front pane [and/or] and the back element is 1.5 mm to 2.1 mm, [and/or the] and a thermal tempering is greater than or equal to 60 Mpa.

4. (Amended) In the [The] large-area radiator in accordance with claim 1, wherein at least one of a

[characterized in that

the] measurement of [the] a wall thickness of at least one of the [thermally tempered] front pane [and/or] and the back element is greater than 0.5 mm, [and/or] and is tempered by [means of] a chemical tempering of more than 160 MPa.

5. (Amended) In a [A] large-area radiator with a front pane and a rear element, wherein spacer elements keep the front pane [is kept] apart from the rear element [by means of spacer elements], [wherein] a gaseous filler [has been] is introduced into [the] a space between the front pane and the rear element and is at a

lesser pressure than [the] a pressure of [the] a surrounding atmosphere, and [wherein]

the front pane is made of a glass material, the improvement comprising:

[characterized in that]

at least one of the front pane [and/or] and the rear element each [are] embodied as a glass [panes] pane which [are] at least partially [provided with] has a coating [consisting] of a ductile polymer material.

6. (Amended) In the [The] large-area radiator in accordance with claim 5, wherein

[characterized in that]

the coating is [embodied as] a film [and consists] of a silicon, a polyurethane [or] and a polymer material, selected from [the] a group of [the] ormoceres.

7. (Amended) In the [The] large-area radiator in accordance with claim [5 or] 6, wherein

[characterized in that]

the coating has a thickness of more than 6 µm.

8. (Amended) In the [The] large-area radiator in accordance with claim 7, wherein

[characterized in that]

the thickness of the coating [lies] is within [the] a range of 6 µm and 50 µm.

9. (Amended) In the [The] large-area structure in accordance with [one of claims 5 to] claim 8, wherein

[characterized in that]

a primer is used for bonding the coating to [the] a surface of the glass pane, [preferably] and the primer is one of a dimethoxydimethyl silane [or] and a hexamethyl disilazane.

10. (Amended) In the [The] large-area radiator in accordance with [one of claims 5 to] claim 9, wherein

[characterized in that]

the glass pane is at least partially tempered one of thermally [or] and chemically [tempered].

11. (Amended) In the [The] large-area radiator in accordance with
[one of claims 1 to] claim 10, wherein the
[characterized in that
wavy] spacer elements are wavy and are arranged between the front
pane and the rear element, [which is also embodied as a glass pane,] wherein [the] a
wavy line extends generally parallel with [the] a planar extension of the front pane.

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